IN THE UNITED STATES PATENT AND TRADEMARK OFFICE COPY FOR CONTINUING

Declaration for Patent Application

APPLICATION

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

	PREFIX SEARCH C	IRCUITRY AND METHOI)			
the spe	cification of which (che	ck one)				
[]	is attached hereto.					
[X]	was filed on August 2	was filed on August 26, 1998 as United States Application				
	Number or PCT International Application Serial No. 09/140,030					
	and was amended on	(if applicab	le).			
includi	ng the claims, as amend	led by any amendment refer	d the contents of the above-identified spred to above. Thich is known by me to be material to predefine the content of the co			
defined	in 37 C.F.R. §1.56.	ty to disclose information w	men is known by the to be material to p	dienta Officy as		
applica	ation(s) for patent or inv	entor's certificate listed belo	le 35, United States Code, §119 of any sow and have also identified below any fore that of the application on which prio	oreign application		
-		Prior Foreign	Prior Foreign Application(s)			
(Numb	er)	(Country)	(Day/Month/Year filed)	_ []		
	•		,	_ []		
(Numb	er)	(Country)	(Day/Month/Year filed)	L J		
(Numb	er)	(Country)	(Day/Month/Year filed)	_ []		
I hereb	y claim the benefit und	er 35 U.S.C. §119(e) of any	United States provisional application(s) listed below.		
	84,434		y 6, 1998			
(Application Number)		(Fili	ng Date)			
(Applie	cation Number)	(Fili	ng Date)			

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

09/104.314	06/25/98	Pending
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
As a named inventor, l	hereby appoint the attorney	ys and/or agents associated with
•	Hamilton, Brook, Smith	n & Reynolds, P.C.
	2 Militia Drive Lexington, Massachuse	etts 02173
·	Customer No. 21005	
o prosecute this application and	d transact all business in the	Patent and Trademark Office connected therewith.
No. 21005 to file and prosecute	an international application	to the attorneys and/or agents associated with Customer under the Patent Cooperation Treaty based upon the designated office requirements for designated states;
nd		
Send correspondence t	o: <u>James M. Smith, Esq.</u>	
	HAMILTON, BROOK Two Militia Drive	, SMITH & REYNOLDS, P.C.
	Lexington, MA 02421	
Direct telephone calls	to: James M. Smith, Esq.	
	(781) 861-6240	
Direct facsimiles to: _	James M. Smith, Esq.	
	(781) 861-9540	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole	
or first inventor	Gregory M. Waters
Inventor's	d or 1/4
Signature	Date 17 sep 1998
Residence	
	Groton, Massachusetts 01450
Citizenship	U.S.A.
Post Office Address	As Above
Full name of second join	t
inventor, if any	Larry R. Dennison
Inventor's	
Signature X11	ry Kyborniam Date Oct 15, 1998
Residence	305 Nahatan Street
	Norwood, Massachusetts 02062
	U.S.A.
-	As Above
1 ost Office Address	
Full name of third joint	
inventor, if any	Philip P. Carvey
Inventor's	1400
Signature	religible Carrey Date 15 October 1998
Residence	7 Daniels Road
	Bedford, Massachusetts 01730
	U.S.A.
	As Above

Full name of fourth joi	nt	
inventor, if any	William J. Dally	
Inventor's		
Signature		Date
Residence	1068 Vernier Place	
	Stanford, California 94305	
Citizenship	U.S.A.	
Post Office Address	As Above	
Full name of fifth joint		
inventor, if any	William F. Mann	
Inventor's Signature	Villa J. Man	Date 1902 98
•	23 Checkerberry Circle	
	Sudbury, Massachusetts 01776	
Citizenship	U.S.A.	
Post Office Address	As Above	
	•	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

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S. 20

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PREFIX SEARCH CIRCUITRY AND METHOD

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	and was amended on	(if applical	ole).			
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define	I acknowledge the dut d in 37 C.F.R. §1.56.	y to disclose information v	which is known by me to be material to	patentability as		
application for pat	ation(s) for patent or inve	entor's certificate listed belo	ele 35, United States Code, §119 of any ow and have also identified below any ore that of the application on which price	foreign application		
		Prior Foreign	Application(s)	Priority Not Claimed		
(Numb	per)	(Country)	(Day/Month/Year filed)	_ []		
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(Numb	per)	(Country)	(Day/Month/Year filed)	[]		
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(Appli	cation Number)	(Fil	ing Date)			

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As a named inventor, I	hereby appoint the attorne	ys and/or agents associated with			
	Hamilton, Brook, Smith & Reynolds, P.C. 2 Militia Drive Lexington, Massachusetts 02173 Customer No. 21005				
to prosecute this application and	transact all business in the	e Patent and Trademark Office connected therewith.			
No. 21005 to file and prosecute	an international applicatior	to the attorneys and/or agents associated with Customer a under the Patent Cooperation Treaty based upon the designated office requirements for designated states;			
and					
Send correspondence to	Two Militia Drive	., SMITH & REYNOLDS, P.C.			
	Lexington, MA 02421				
Direct telephone calls t					
· · · · · · · · · · · · · · · · · · ·	(781) 861-6240				
Direct facsimiles to:	James M. Smith, Esq.				
	(781) 861-9540				

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole		
	Gregory M. Waters	
Inventor's		
Signature		Date
Residence	48 Carmichael Way	
	Groton, Massachusetts 01450	
Citizenship	U.S.A.	
Post Office Address	As Above	
Full name of second joint		
inventor, if any	Larry R. Dennison	
Inventor's		
Signature		Date
=	505 Nahatan Street	
	Norwood, Massachusetts 02062	
Citizenship	U.S.A.	
-	As Above	
Full name of third joint		
inventor, if any	Philip P. Carvey	
Ínventor's		
Signature		Date
Residence	7 Daniels Road	
	Bedford, Massachusetts 01730	
Citizenship	U.S.A.	
Post Office Address	As Above	

Full name of fourth join	nt				
inventor, if any	William J. Dally		·		
Inventor's Signature	le f Just	Date _	Sept	18,	1998
Residence	1068 Vernier Place			· · · · · · · · · · · · · · · · · · ·	
	Stanford, California 94305				
Citizenship	U.S.A.				
Post Office Address	As Above				
Full name of fifth joint					
inventor, if any	William F. Mann				
Inventor's					
Signature		Date _	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
Residence	23 Checkerberry Circle				
	Sudbury, Massachusetts 01776	· · · · · · · · · · · · · · · · · · ·			
Citizenship	U.S.A.	<u> </u>	-		
Post Office Address	As Above				

PATENT APPLICATION Attorney's Docket No.: 2390.1005-007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Gregory M. Waters, Larry R. Dennison, Philip P. Carvey, William J. Dally

and William F. Mann

Continuation Application of

Application No.:

10/167,689

Filed:

June 11, 2002

For:

PREFIX SEARCH CIRCUITRY AND METHOD

Date: 7/28/03

EXPRESS MAIL LABEL NO. EV 215 72932605

REMARKS/CHANGE OF CORRESPONDENCE ADDRESS

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The above-captioned application is a continuation of application number 10/167,689 filed on June 11, 2002 to which priority is claimed under 35 U.S.C. §120.

The related applications paragraph has been revised to include a specific reference to the parent application. No new matter has been added.

Pursuant to 37 C.F.R. 1.63(d)(4), please note that a Notice of Change of Correspondence Address was submitted in parent Application No. 09/140,030. Please send all correspondence in the above-identified continuation application to: Customer No. 021005; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, Massachusetts 01742-9133. In addition, please direct all telephone calls to **James M. Smith**, **Esq.** at (978) 341-0036, and all facsimile communications to (978) 341-0136.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

James M. Smith

Registration No. 28,043

Telephone: (978) 341-0036 Facsimile: (978) 341-0136

Concord, MA 01742-9133 Dated: 7/28/3